

SHIDLER TELEPHONE COMPANY

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March 7, 2014

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: Expression of Interest – Rural Broadband Experiments
Connect America Fund, WC Docket No. 10-90

Dear Ms. Dortch:

Shidler Telephone Company (STC) submits this letter of interest for the Connect America Funds for Rural Broadband Experiments.

1. Entity Background

Shidler Telephone Company (STC) is a rural local exchange carrier that has been family owned and operated since 1922. STC serves five (5) exchanges in Osage County Oklahoma. The service area includes three hundred forty four (344) square miles and averages 1.94 establishments per square mile. From 1996 through 2004, STC installed softswitching and fiber to the node plus new copper plant to upgrade voice services and establish broadband service to every establishment in our service area.

STC currently serves four (4) schools and two (2) volunteer fire departments. Our entire service area is encompassed by the Osage Indian Reservation. The present day reservation includes 160,000 acres of restricted lands and three (3) villages located in Pawhuska, Hominy and Grey Horse near Fairfax, Oklahoma.

2. Geographic Territory

The geographic territory proposed for STC is as follows:

State	County	County Name	TractID	Eligible High Cost Locations	Extremely High Cost Locations	Annual Support	Square Miles
OK	40071	Kay	40071001200	746	180	335179.42	352.180857
OK	40113	Osage	40113940001	97	38	109510.03	313.098836
OK	40113	Osage	40113940002	282	87	144248.07	158.391511
OK	40113	Osage	40113940008	498	102	247450.08	208.269335
OK	40113	Osage	40113940011	138	26	27577.10	430.396741

3. Broadband Technology

STC is interested in deploying IEEE 802.3 Active Ethernet FTTH in the unserved and underserved communities. STC is also interested in deploying Wi.Max802.16e in the rural service areas by installing towers that are fiber fed. Establishments along the fiber routes from the towns to the tower sites will be served via active ethernet.

4. Service Offerings

Plans and prices (residential/business)

****BASIC** up to 384 Kbps/128 Kbps (\$35.50/\$55.50)

****ENHANCED** up to 960 Kbps/256 Kbps (\$45.50/\$75.50)

****PREMIUM** up to 1.5 M/384 Kbps (\$55.50/\$95.50)

****SUPREME** up to 3.0 M/584 Kbps (\$65.50/\$115.50)

****EXTREME** up to 6.0 M/1 M (\$75.50/\$135.50) (Proposed with CAF Phase II Support)

5. State, Local or Tribal Participation

STC has obtained permits from both the State and local governments and SHPO/NEPA approvals from the Osage Tribal Government for our previous upgrades. Since this project is to provide both voice and broadband services including OTT video in unserved areas, STC anticipates that a working relationship will continue and that the project will receive support from the Kaw Nation, Osage Tribe, Pawnee Nation, BIA and anchor institutions encompassed in the area of interest.

6. Existing Providers

Atlas Broadband, AT&T, Community Cablevision Co., KanOkla, Telephone & Data Systems, Inc., Verizon and Windstream

7. List of Anchor Institutions

The anchor institutions under the five (5) tracts proposed are as follows:

Potential Anchor Institutions		
Kaw Nation	Kaw City	OK
KAW NATION POLICE DEPARTMENT	KAW CITY	OK
KAW CITY POLICE DEPARTMENT	KAW CITY	OK
KAW CITY FIRE DEPARTMENT	KAW CITY	OK
KAW CITY PUBLIC SCHOOL	Kaw City	OK
Kaw City- City Hall	Kaw City	OK
KAW CITY PUBLIC LIBRARY	KAW CITY	OK
RIVER ROAD VOLUNTEER FIRE DISTRICT	NEWKIRK	OK
KILDARE VOLUNTEER FIRE DEPARTMENT	PONCA CITY	OK
NEWKIRK FIRE DEPARTMENT / NEWKIRK EMERGENCY MEDICAL SERVICES	NEWKIRK	OK
Newkirk City Hall	Newkirk	OK
KAY COUNTY SHERIFFS DEPARTMENT / KAY COUNTY JAIL	NEWKIRK	OK
NEWKIRK MS	Newkirk	OK
NEWKIRK ES	Newkirk	OK
NEWKIRK RURAL HEALTH CLINIC	Newkirk	OK
KILDARE PUBLIC SCHOOL	Ponca City	OK
DALE TOWNSHIP FIRE DISTRICT	NEWKIRK	OK
NEWKIRK PUBLIC LIBRARY	NEWKIRK	OK
NEWKIRK POLICE DEPARTMENT	NEWKIRK	OK
Newkirk	Newkirk	OK
NEWKIRK HS	Newkirk	OK
OSAGE VOLUNTEER FIRE DEPARTMENT	OSAGE	OK
FRONTIER FIRE DISTRICT ASSOCIATION	OSAGE	OK
WYNONA HS	Wynona	OK
WYNONA ES	Wynona	OK
Wynona Town Hall	Wynona	OK
WYNONA VOLUNTEER FIRE DEPARTMENT	WYNONA	OK
R B DICK CONNER CORRECTIONAL CENTER	HOMINY	OK
Hominy City Hall	Hominy	OK
HOMINY POLICE DEPARTMENT	HOMINY	OK
HOMINY FIRE DEPARTMENT	HOMINY	OK
HOMINY HS	Hominy	OK
HOMINY MS	Hominy	OK
HOMINY PUBLIC LIBRARY	HOMINY	OK
HORACE MANN ES	Hominy	OK
HOMINY RANCHERS RURAL FIRE DEPARTMENT	HOMINY	OK

INCORPORATED		
OSAGE RANCH FIRE DEPARTMENT	PAWHUSKA	OK
NELAGONEY RURAL VOLUNTEER FIRE DEPARTMENT	PAWHUSKA	OK
PAWHUSKA FIRE DEPARTMENT	PAWHUSKA	OK
UNITED STATES BUREAU OF INDIAN AFFAIRS - OSAGE NATION POLICE DEPARTMENT	PAWHUSKA	OK
OSAGE COUNTY HEALTH DEPARTMENT	Pawhuska	OK
Pawhuska City Hall	Pawhuska	OK
PAWHUSKA POLICE DEPARTMENT	PAWHUSKA	OK
Osage Nation	Pawhuska	OK
BUREAU OF INDIAN AFFAIRS FIRE DEPARTMENT	PAWHUSKA	OK
OSAGE COUNTY SHERIFFS OFFICE / OSAGE COUNTY JAIL	PAWHUSKA	OK
INDIAN CAMP ES	Pawhuska	OK
PAWHUSKA HS	Pawhuska	OK
PAWHUSKA JHS	Pawhuska	OK
PAWHUSKA PUBLIC LIBRARY	PAWHUSKA	OK
PAWHUSKA ES	Pawhuska	OK
Pawhuska Hospital, Inc.	Pawhuska	OK
AVANT PUBLIC SCHOOL	Avant	OK
AVANT FIRE DEPARTMENT	AVANT	OK
AVANT POLICE DEPARTMENT	AVANT	OK
Avant Town Hall	Avant	OK
BARNSDALL ES	Barnsdall	OK
BARNSDALL HS	BARNSDALL	OK
BARNSDALL JHS	Barnsdall	OK
BARNSDALL RURAL FIRE FIGHTERS ASSOCIATION	BARNSDALL	OK
BARNSDALL FIRE DEPARTMENT	BARNSDALL	OK
BARNSDALL POLICE DEPARTMENT	BARNSDALL	OK
SIGGINS MEMORIAL CLINIC	Barnsdall	OK
Barnsdall City Hall	Barnsdall	OK
BARNSDALL - ETHEL BRIGGS MEMORIAL LIBRARY	BARNSDALL	OK
FRANKFORT RURAL FIRE COMPANY	SHIDLER	OK
ELM CREEK RURAL FIRE COMPANY	FORAKER	OK
WAMSLEY CREEK RURAL FIRE DEPARTMENT	SHIDLER	OK
ANTELOPE CREEK RURAL FIRE DEPARTMENT	SHIDLER	OK
BUCKCREEK RURAL FIRE DEPARTMENT	PAWHUSKA	OK
BLACKLAND FIRE CORPORATION	PAWHUSKA	OK
FORAKER VOLUNTEER FIRE DEPARTMENT	FORAKER	OK
BIG BEAVER FIRE DEPARTMENT	SHIDLER	OK

BAR-C VOLUNTEER FIRE DEPARTMENT	SHIDLER	OK
LYMAN RURAL FIRE COMPANY	SHIDLER	OK
Webb City Town Hall	Webb City	OK
Shidler Town Hall	Shidler	OK
WEBB CITY VOLUNTEER FIRE DEPARTMENT	SHIDLER	OK
SHIDLER FIRE AND EMERGENCY MEDICAL SERVICES	SHIDLER	OK
WARD ES	Shidler	OK
SHIDLER HS	Shidler	OK
SHIDLER JHS	Shidler	OK
SARGE CREEK RURAL FIRE COMPANY	BURBANK	OK
DENOYA RURAL FIREFIGHTERS	SHIDLER	OK
DENOYA RURAL FIREFIGHTERS	SHIDLER	OK
SHIDLER VOLUNTEER FIRE DEPARTMENT	SHIDLER	OK
BURBANK VOLUNTEER FIRE DEPARTMENT	BURBANK	OK
LOST MAN CREEK RURAL FIRE COMPANY	BURBANK	OK
GRAINOLA VOLUNTEER FIRE DEPARTMENT	SHIDLER	OK

8. Funding Proposed

The proposal is expected to require continuing funding. The high level estimate of the amount of funding requested is \$14,937,000.

Tract	Tower Costs	Fiber Costs	Engineering	Total
40071001200	\$2,400,000	\$5,200,000	\$1,008,000	\$8,608,000
40113940001	\$1,500,000	\$650,000	\$162,000	\$2,312,000
40113940002	\$900,000		\$27,000	\$927,000
40113940008	\$1,800,000		\$54,000	\$1,854,000
40113940011	\$1,200,000		\$36,000	\$1,236,000
GRAND TOTAL				\$14,937,000

9. Project Timeline

STC estimates a timeline of three (3) years to complete the project. The SHPO/NEPA requirements for a project in this area involve coordination with the four Native American agencies and sever comminutes. In addition, portions of the terrain contain substantial rock.

10. Comments

Shidler Telephone Company appreciates the opportunity to submit an expression of interest.

Sincerely,



Lisa Patton
Vice President
Shidler Telephone Company